

ABSTRACT OF THE DISCLOSURE

An acoustic feedback suppression apparatus according to the present invention comprises a notch filter (109) for filtering out acoustic feedback components, a plurality of first sample fast Fourier transformation means (118 to 120) for performing frequency analysis of every 512 data samples, a plurality of peak frequency detecting means (121 to 123) for detecting peak frequencies of respective channels, adding means (124) for adding signals on the respective channels, second sample fast Fourier transformation means (125) for performing frequency analysis of every 4096 data samples of the added signal, peak frequency detecting means (126) for detecting a peak frequency of the output signal outputted from the 4096 fast Fourier transformation means (125), and coefficient specifying means (129) for specifying filter coefficients of the notch filter (109).